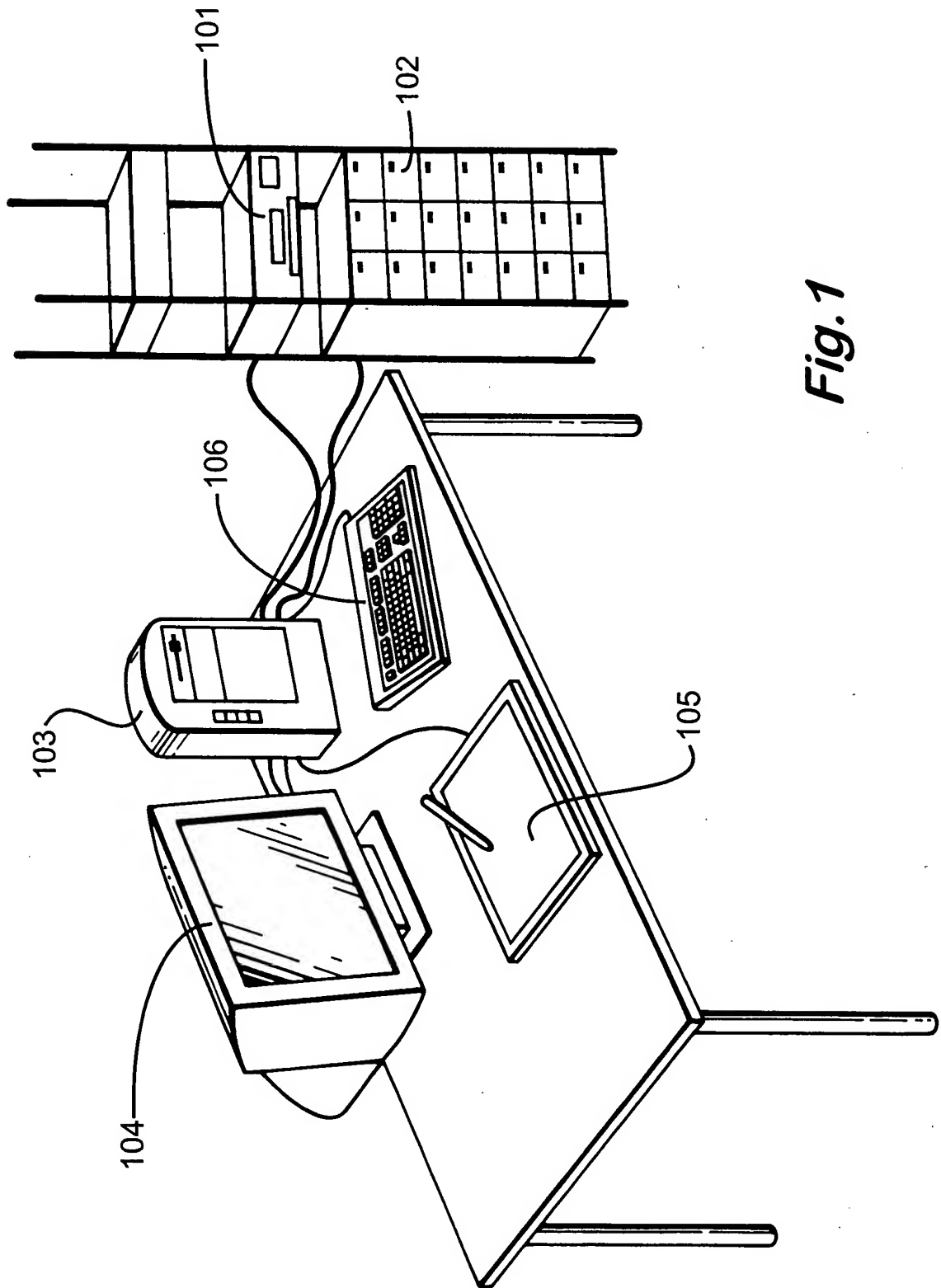


1/18



*Fig. 1*

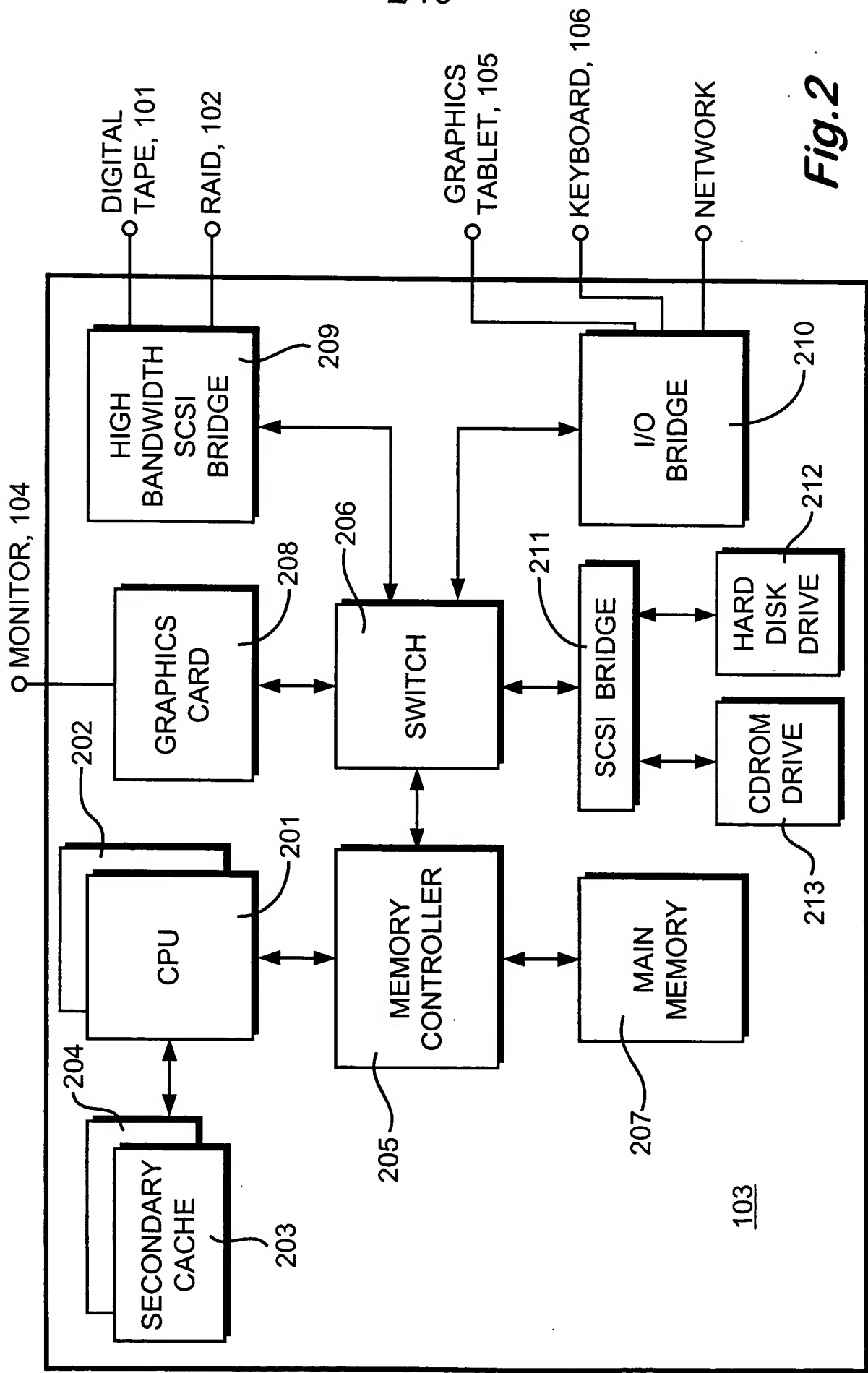
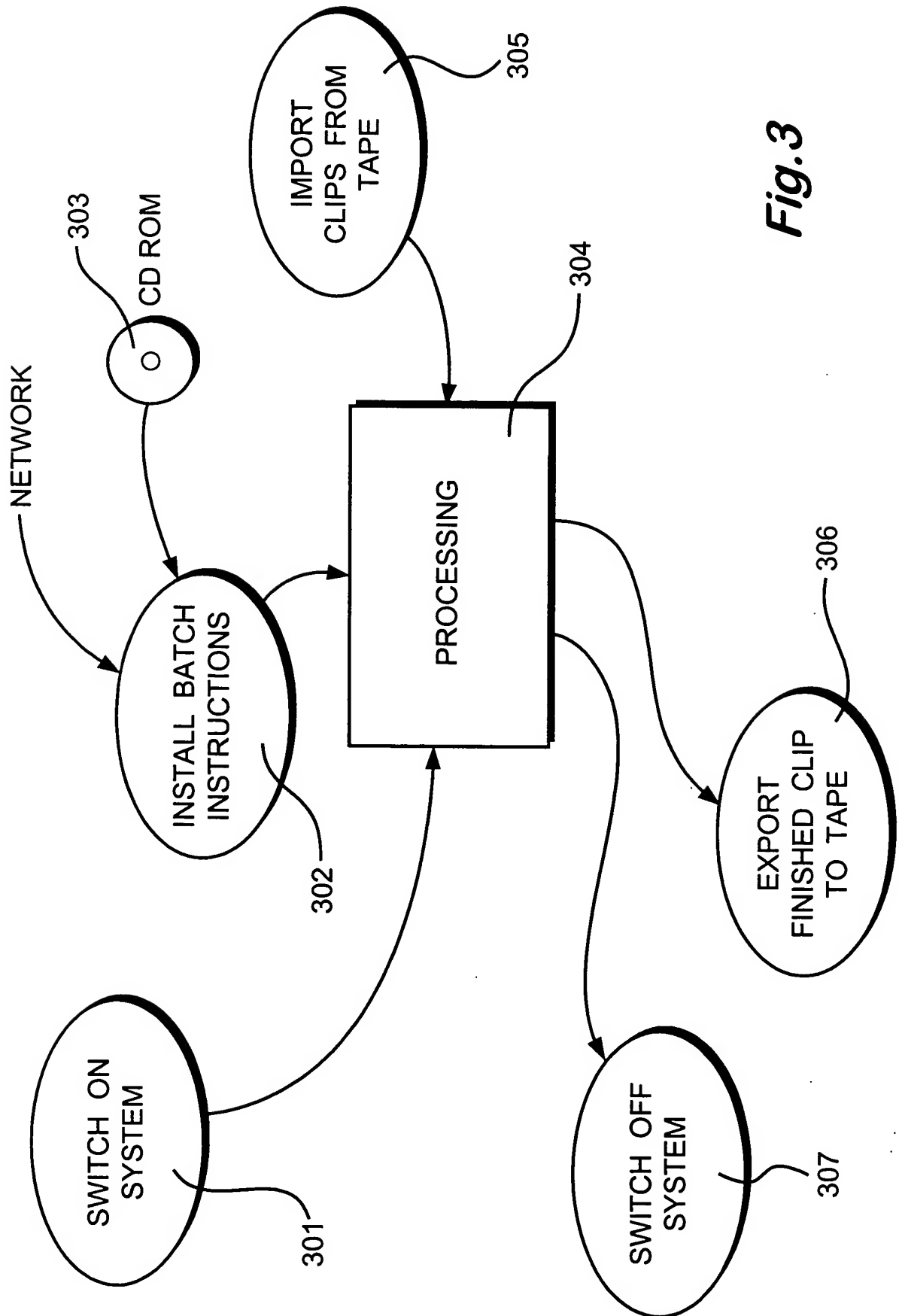
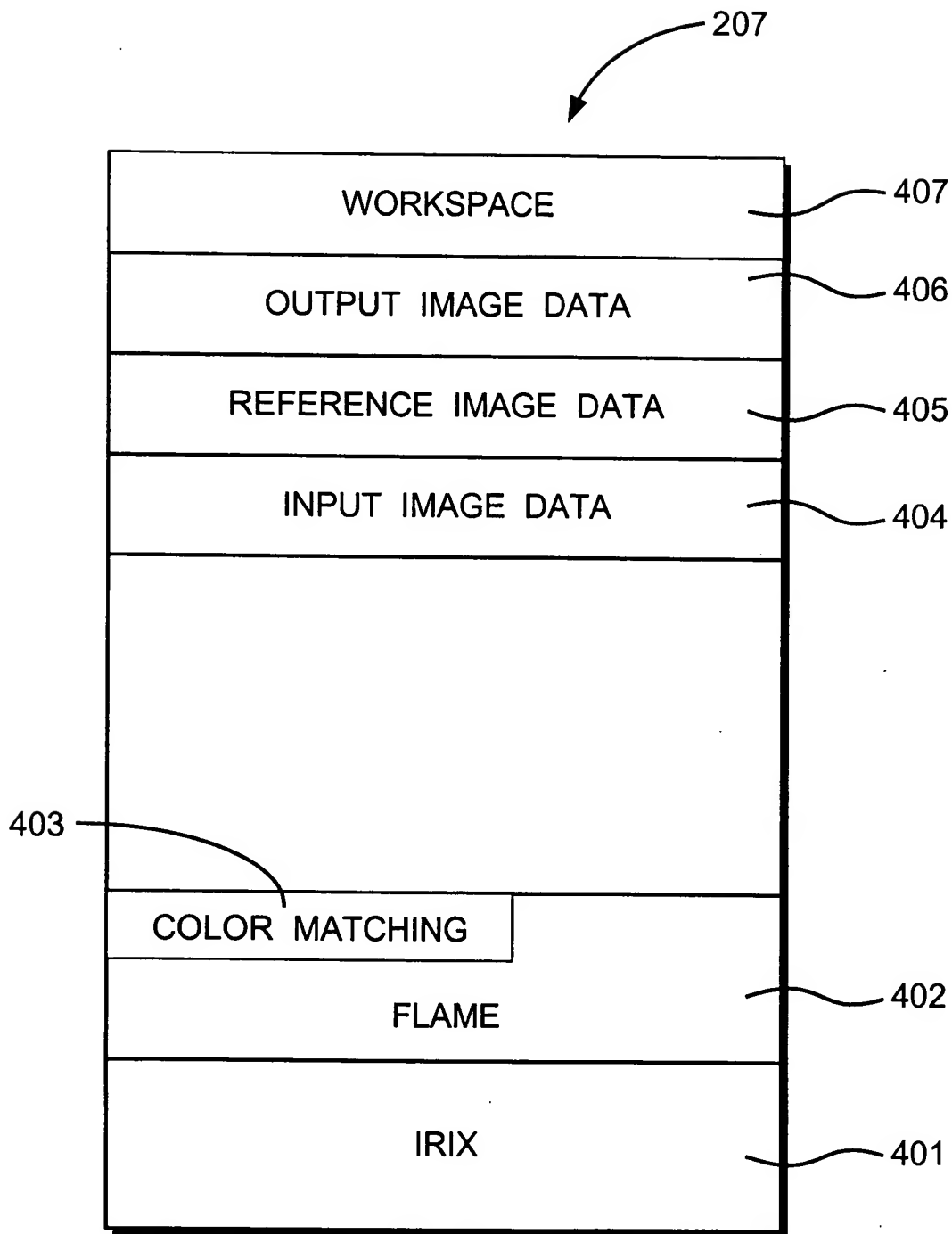


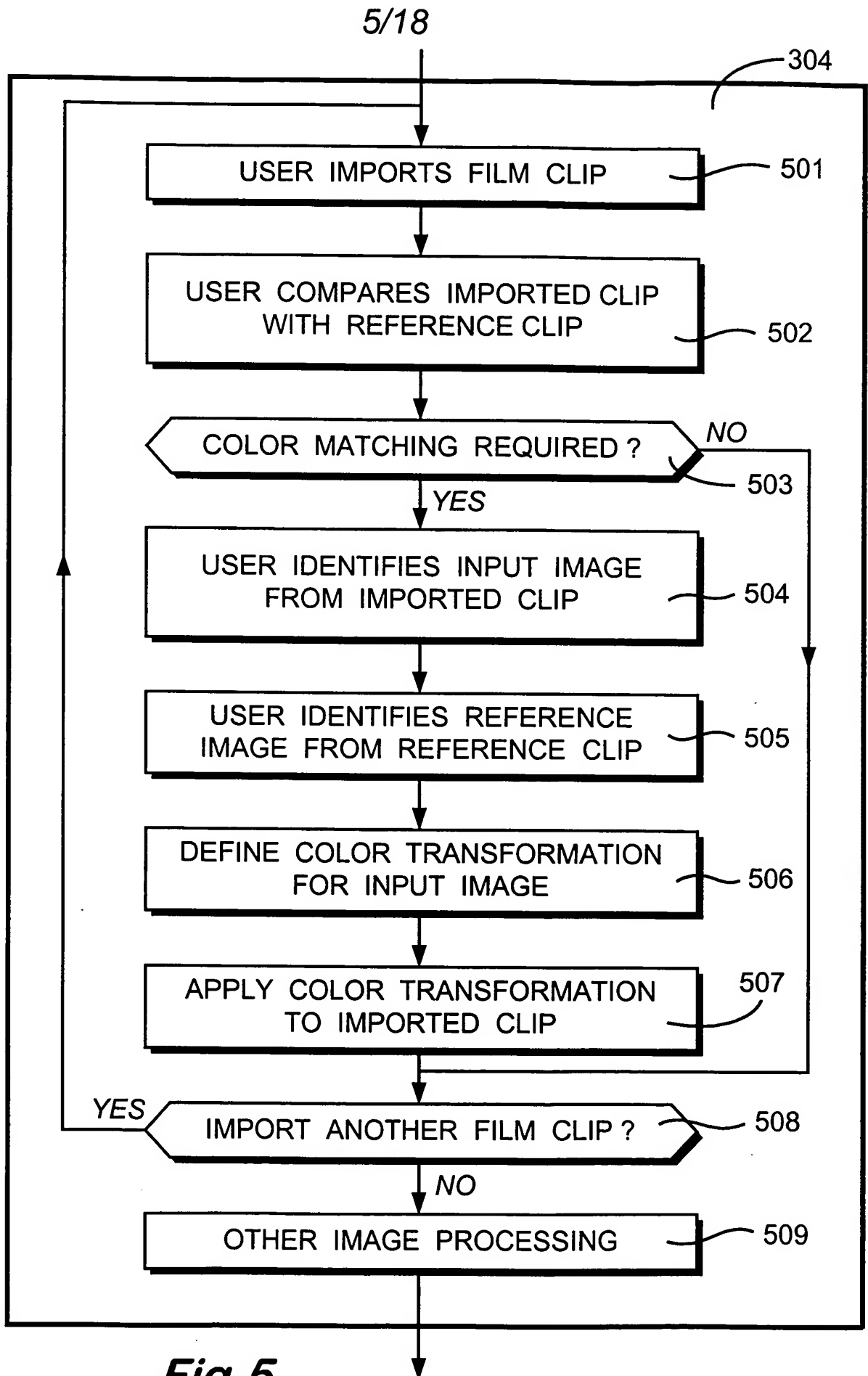
Fig.2

3/18

*Fig. 3*



**Fig.4**

**Fig.5**

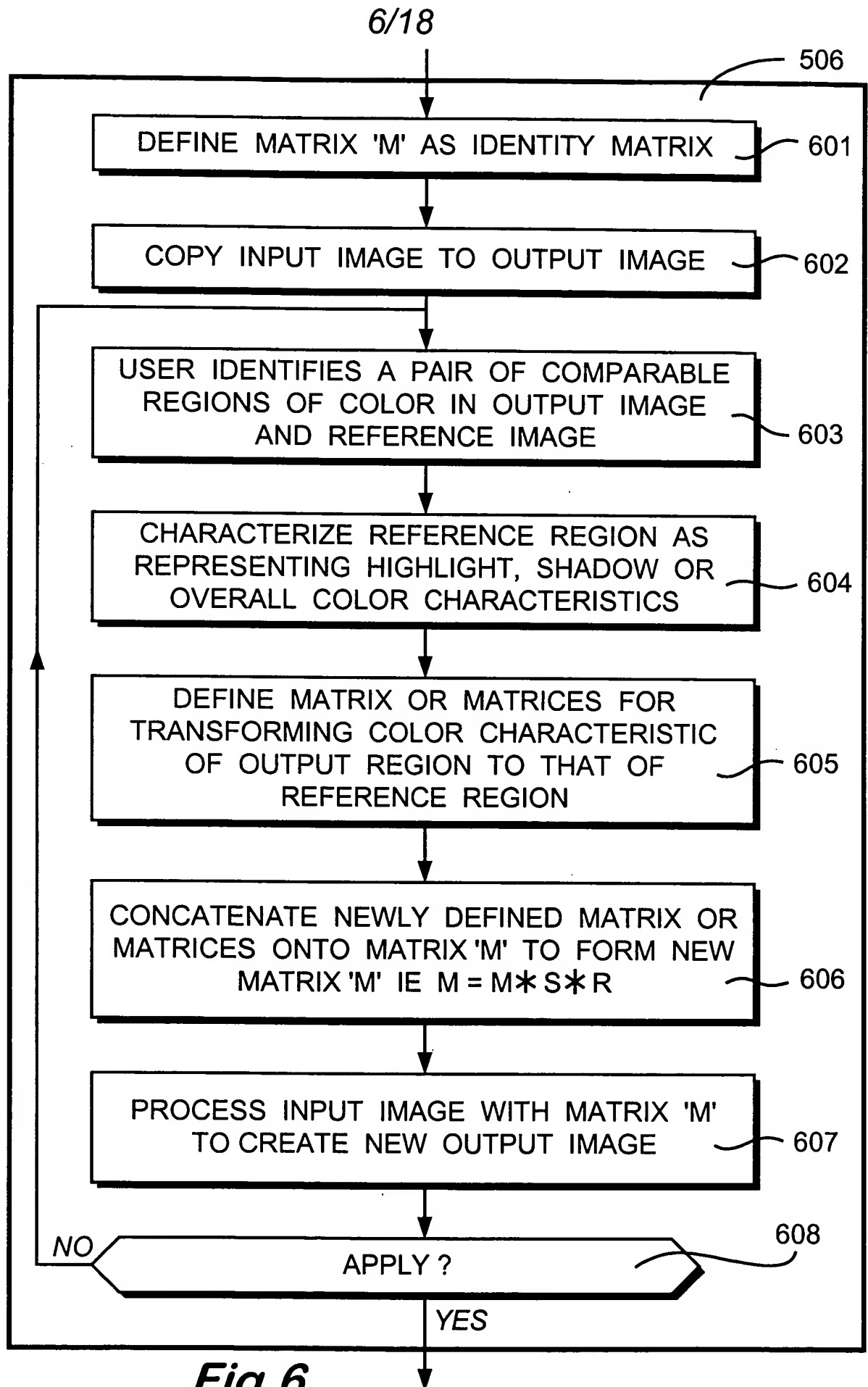
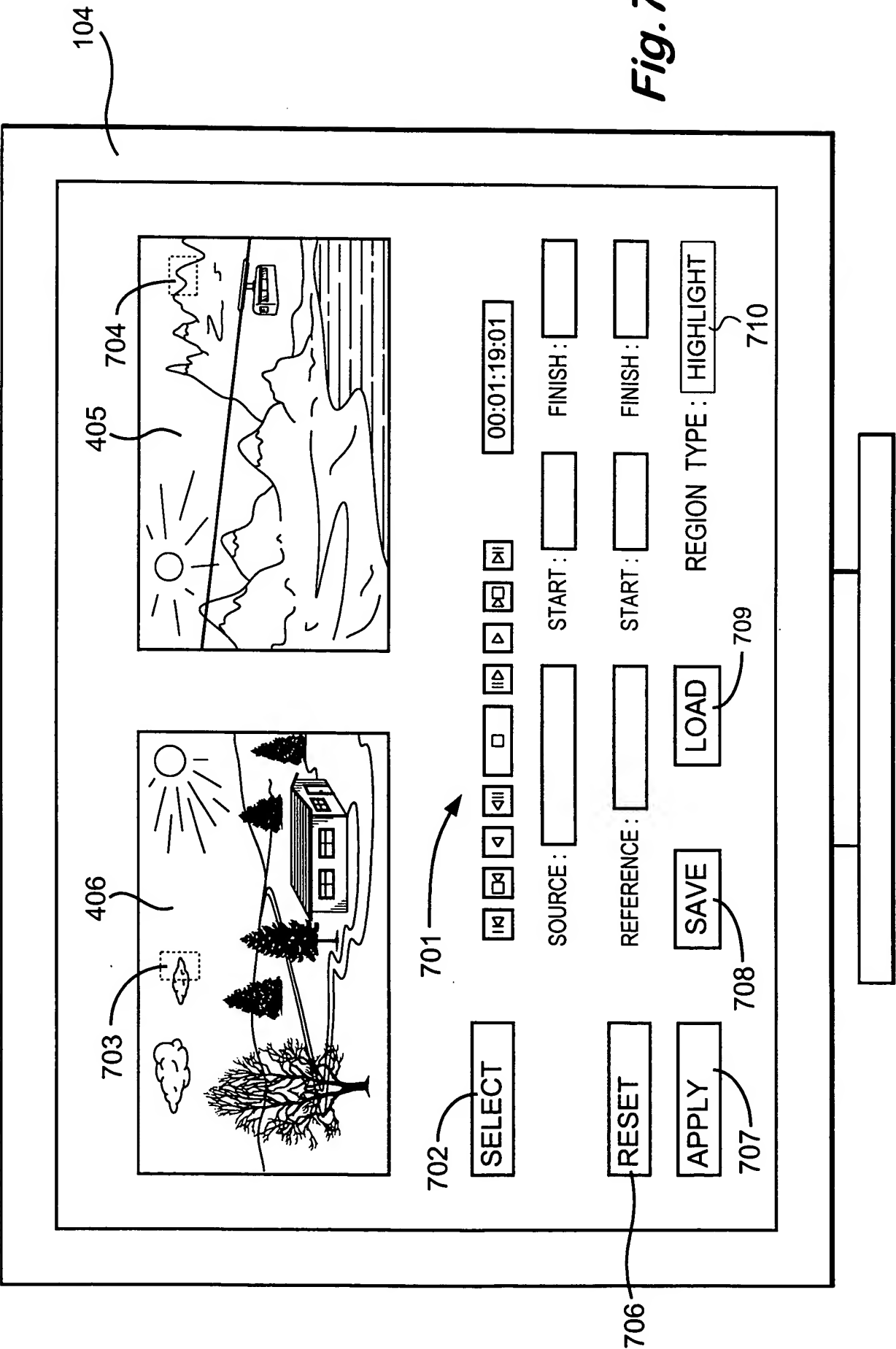
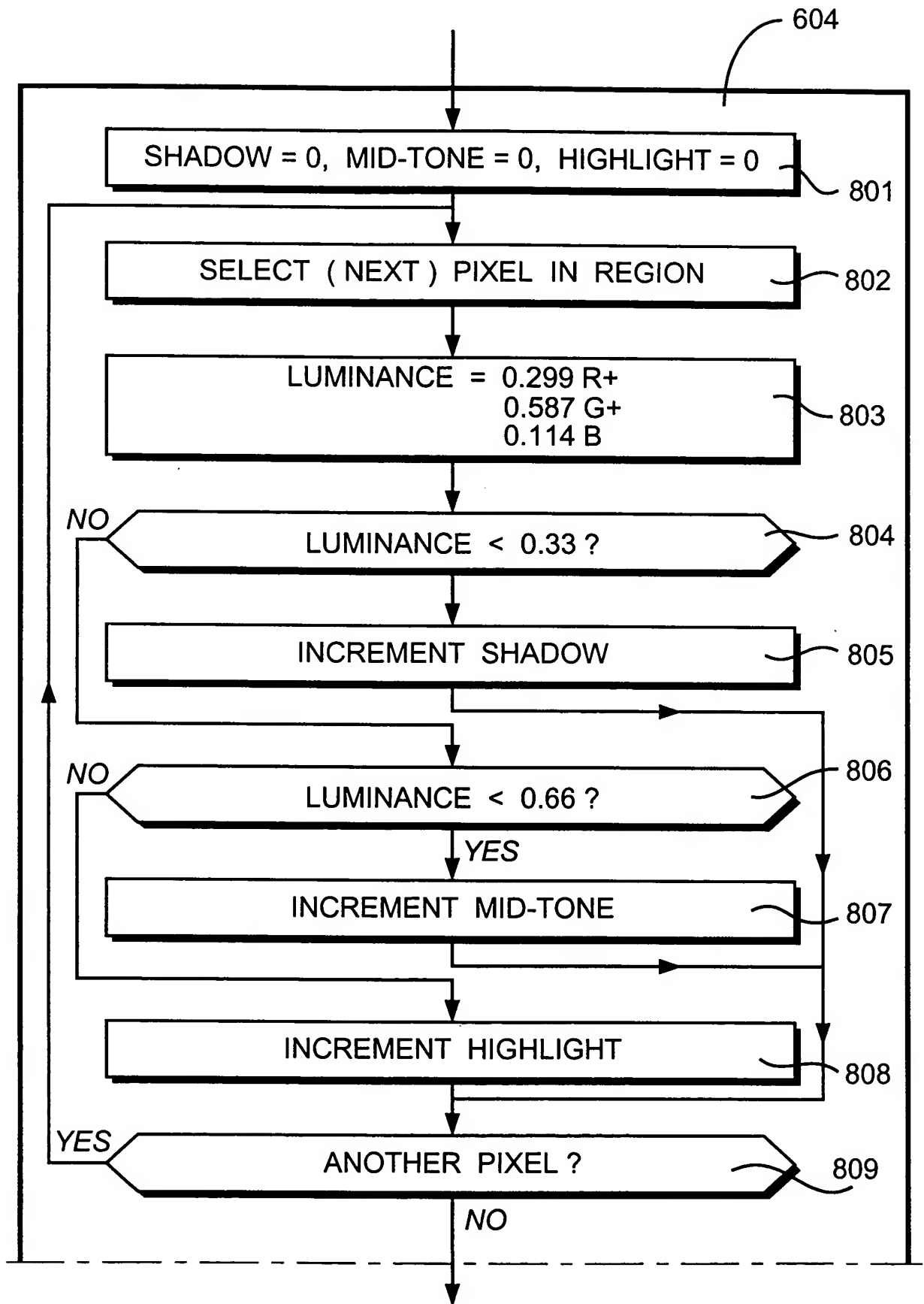


Fig. 7

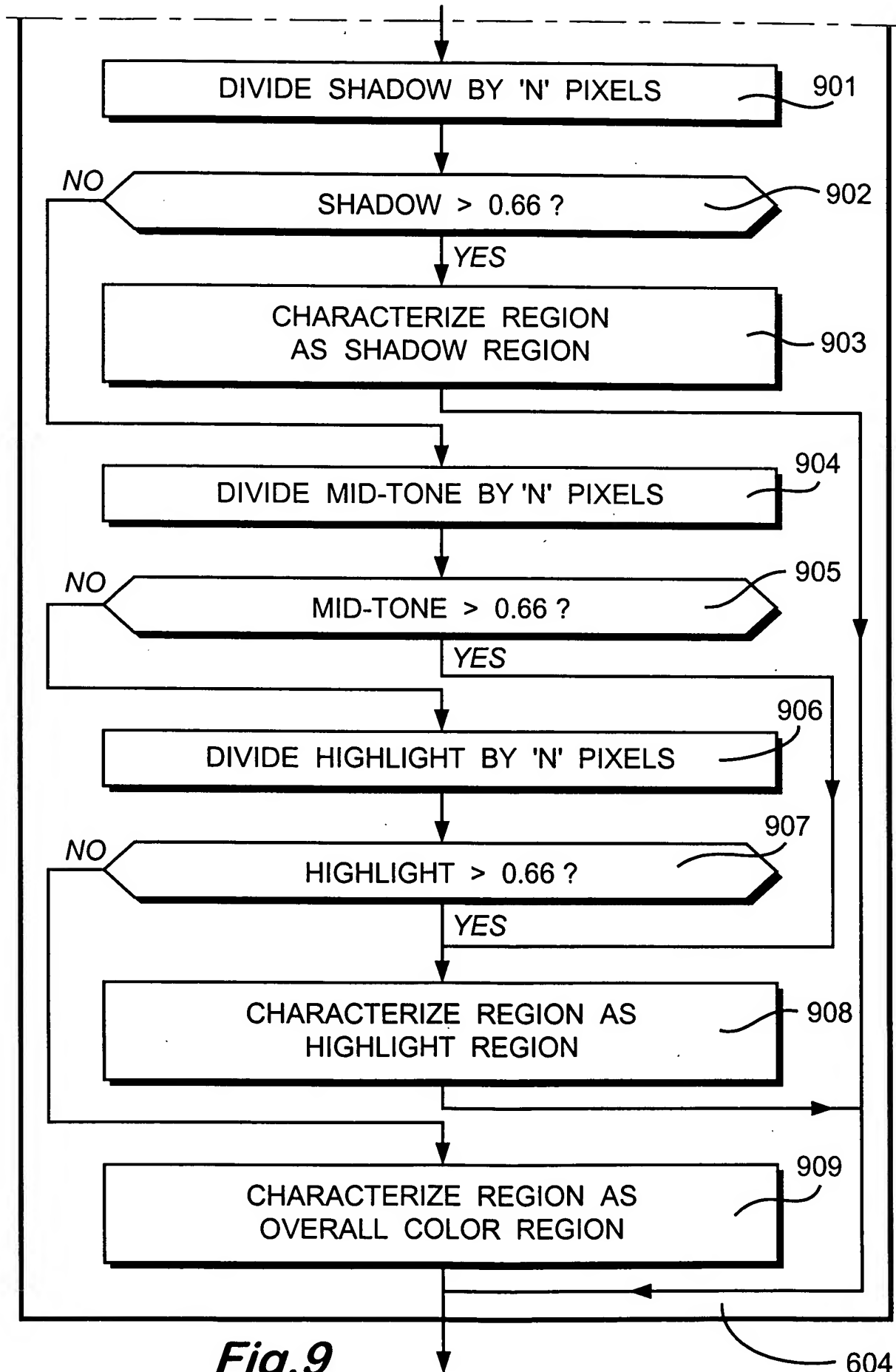


8/18

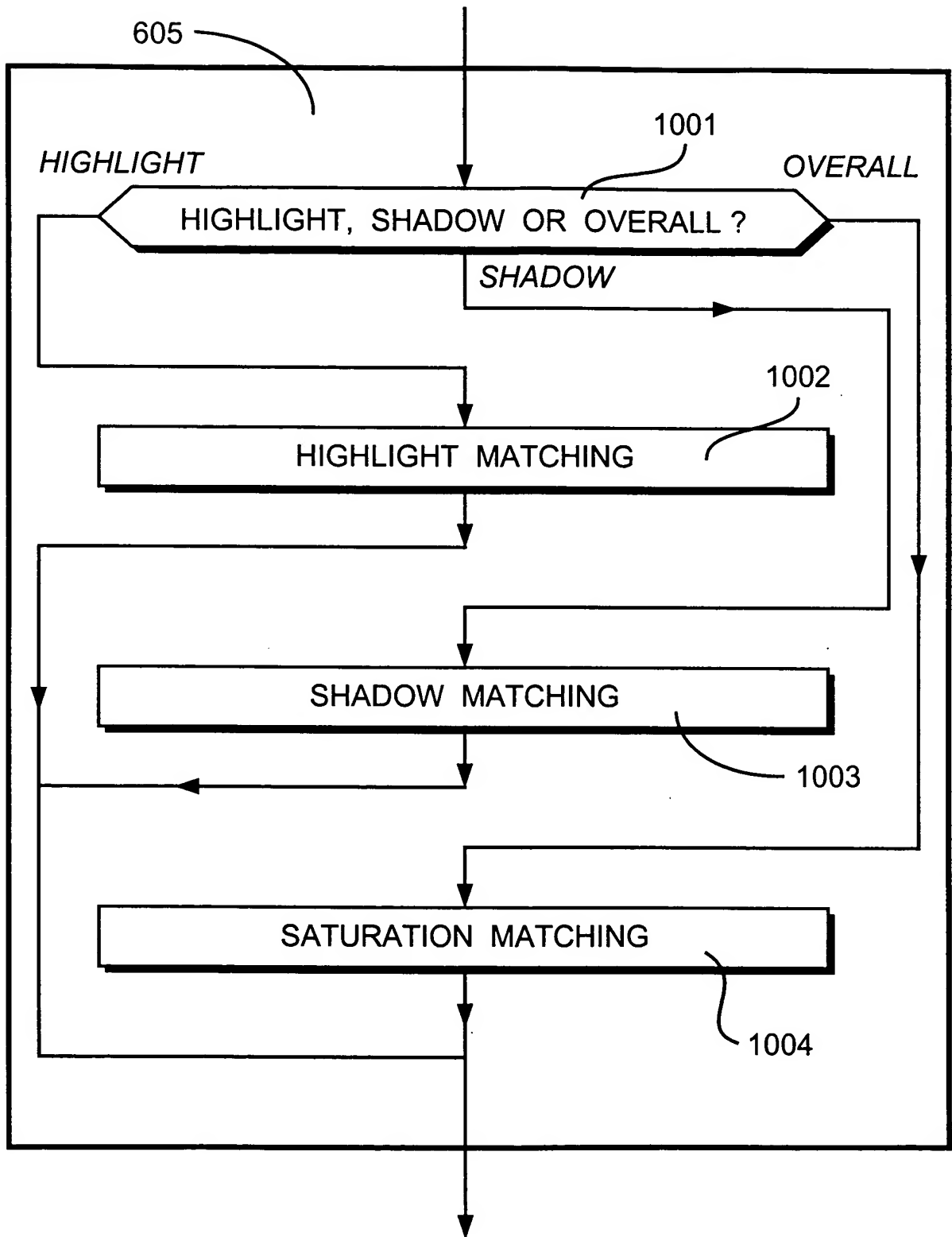
**Fig. 8**



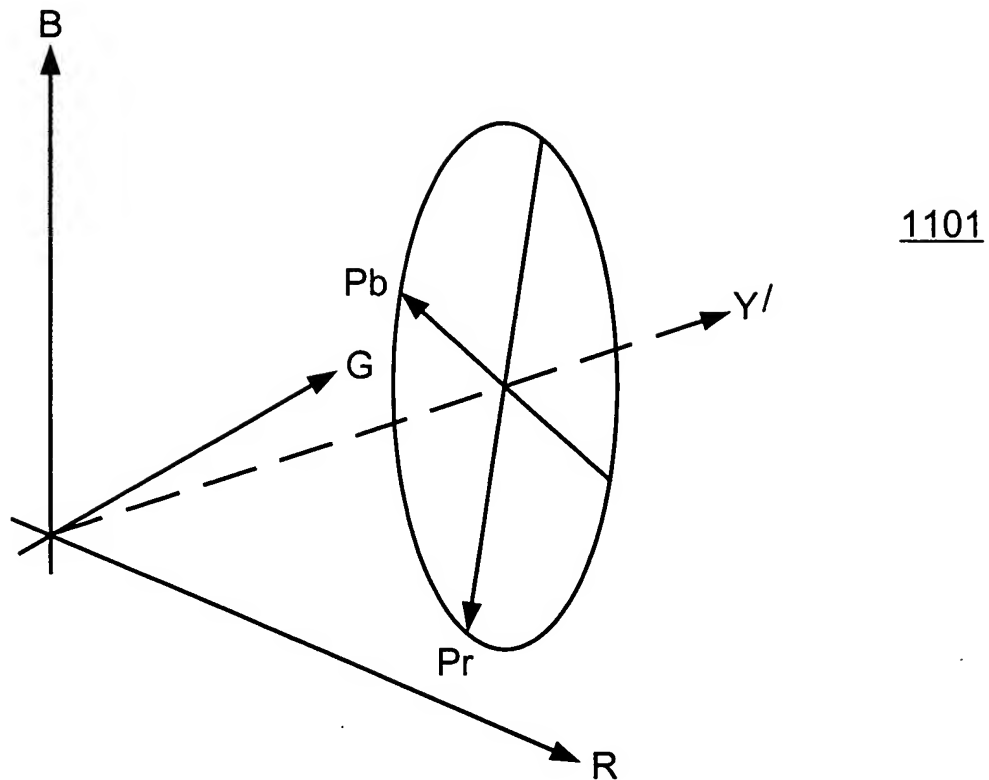
9/18



10/18

**Fig. 10**

11/18



$$Y/ = 0.299R + 0.587G + 0.114B$$

$$Pb = -0.169R - 0.331G + 0.5B$$

$$Pr = 0.5R - 0.419G - 0.081B$$

1102

MATRIX 'A' TRANSFORMS RGB TO Y/Pb Pr

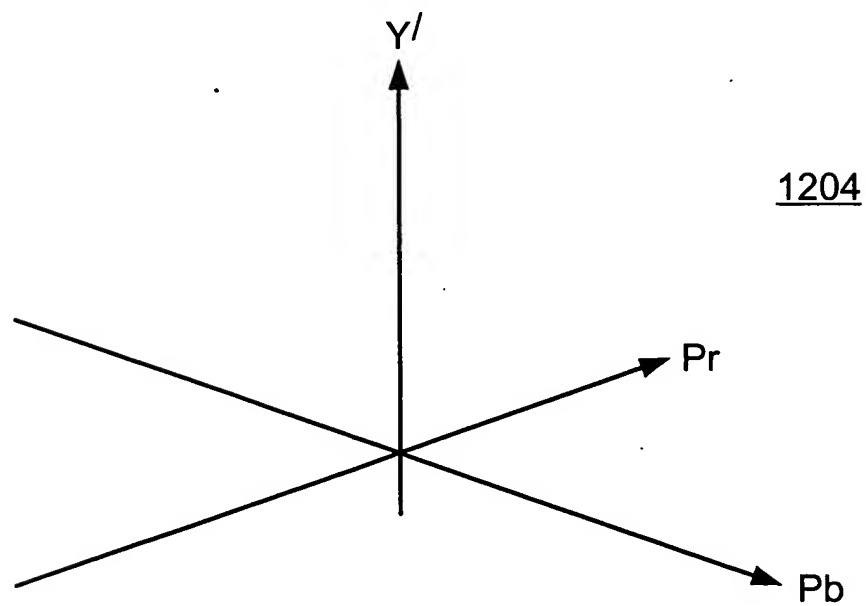
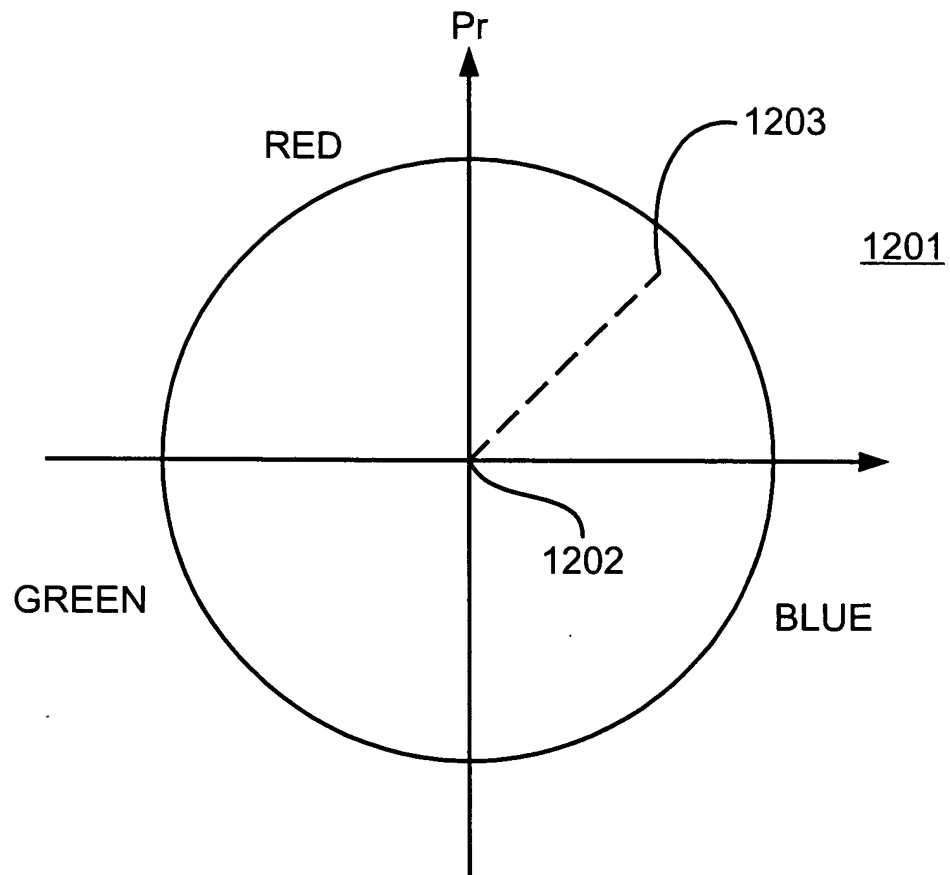
MATRIX 'A<sup>-1</sup>' TRANSFORMS Y/Pb Pr TO RGB

RGB BLACK = ( 0, 0, 0 ); Y/ Pb Pr BLACK = ( 0, 0, 0 )

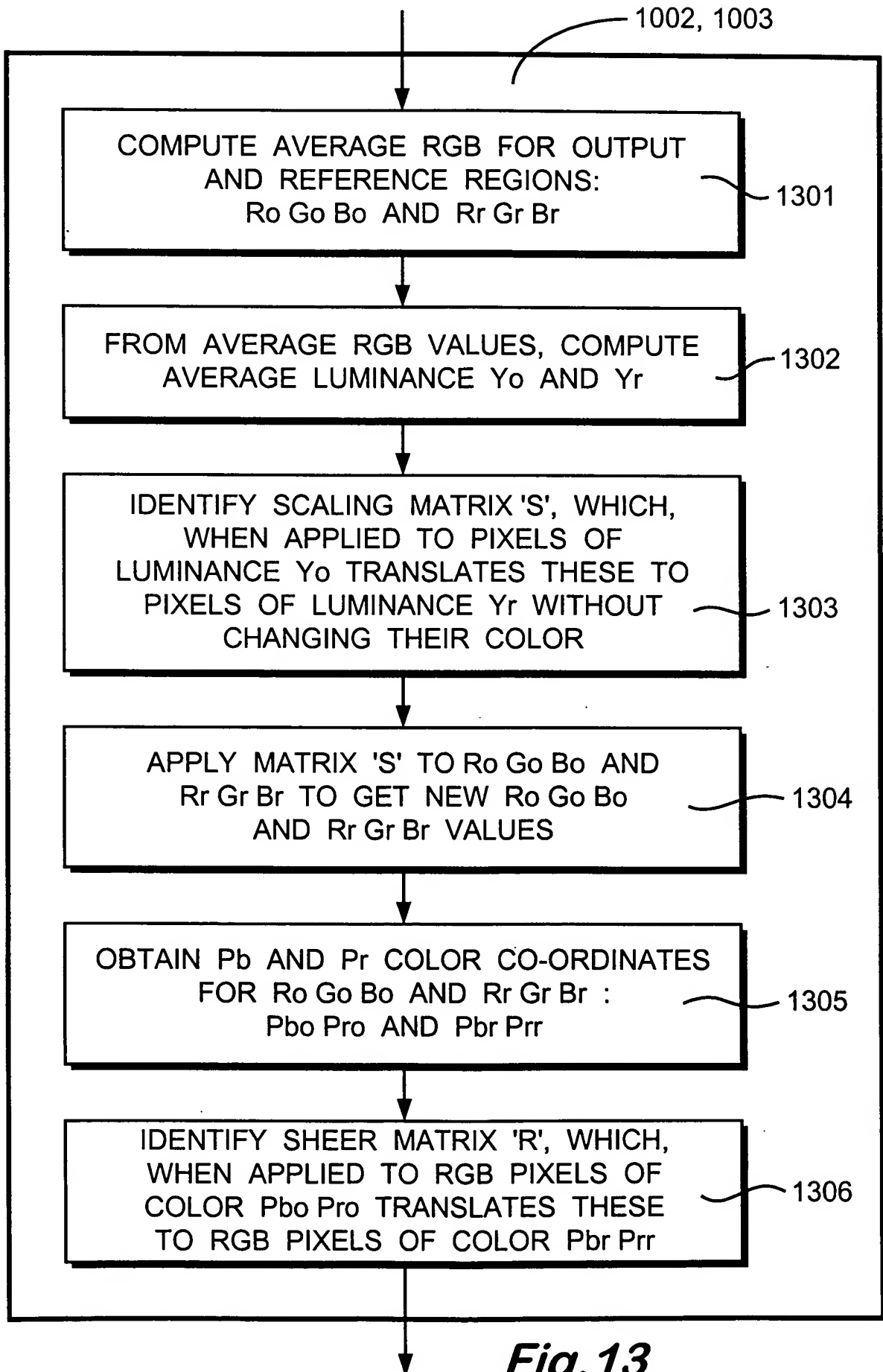
RGB WHITE = ( 1, 1, 1 ); Y/ Pb Pr WHITE = ( 1, 0, 0 )

***Fig.11***

12/18

***Fig.12***

13/18



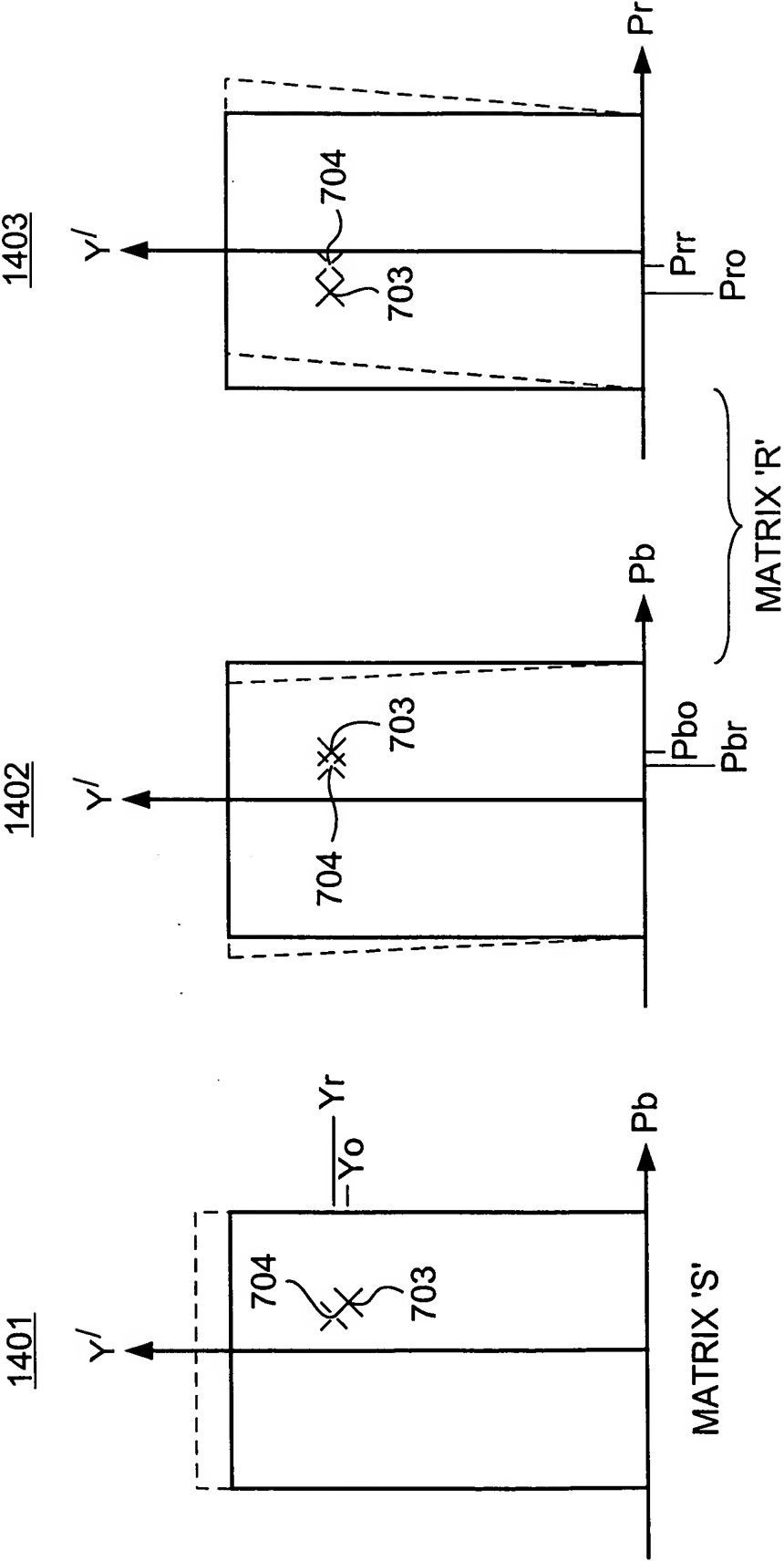


Fig. 14

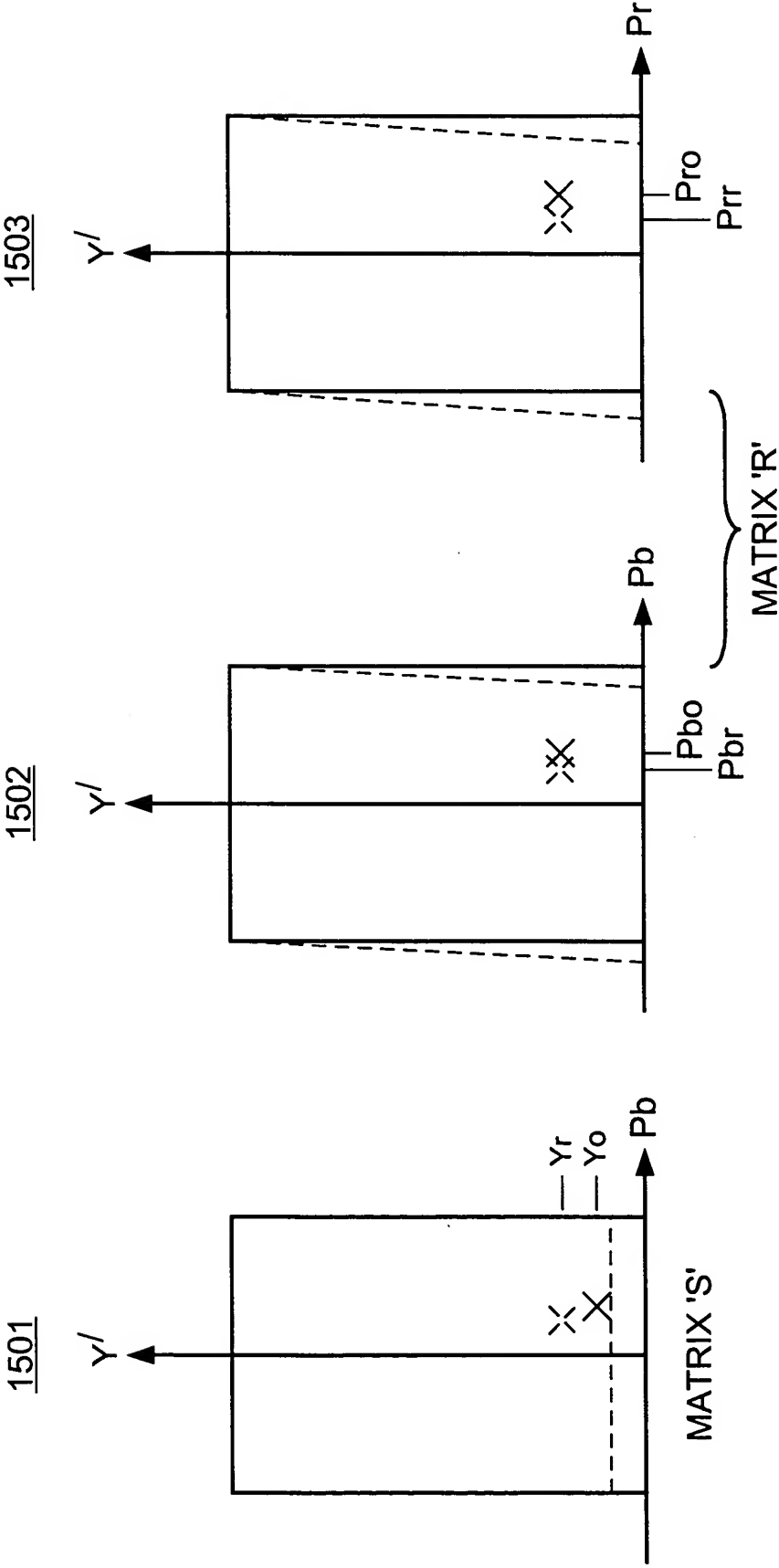
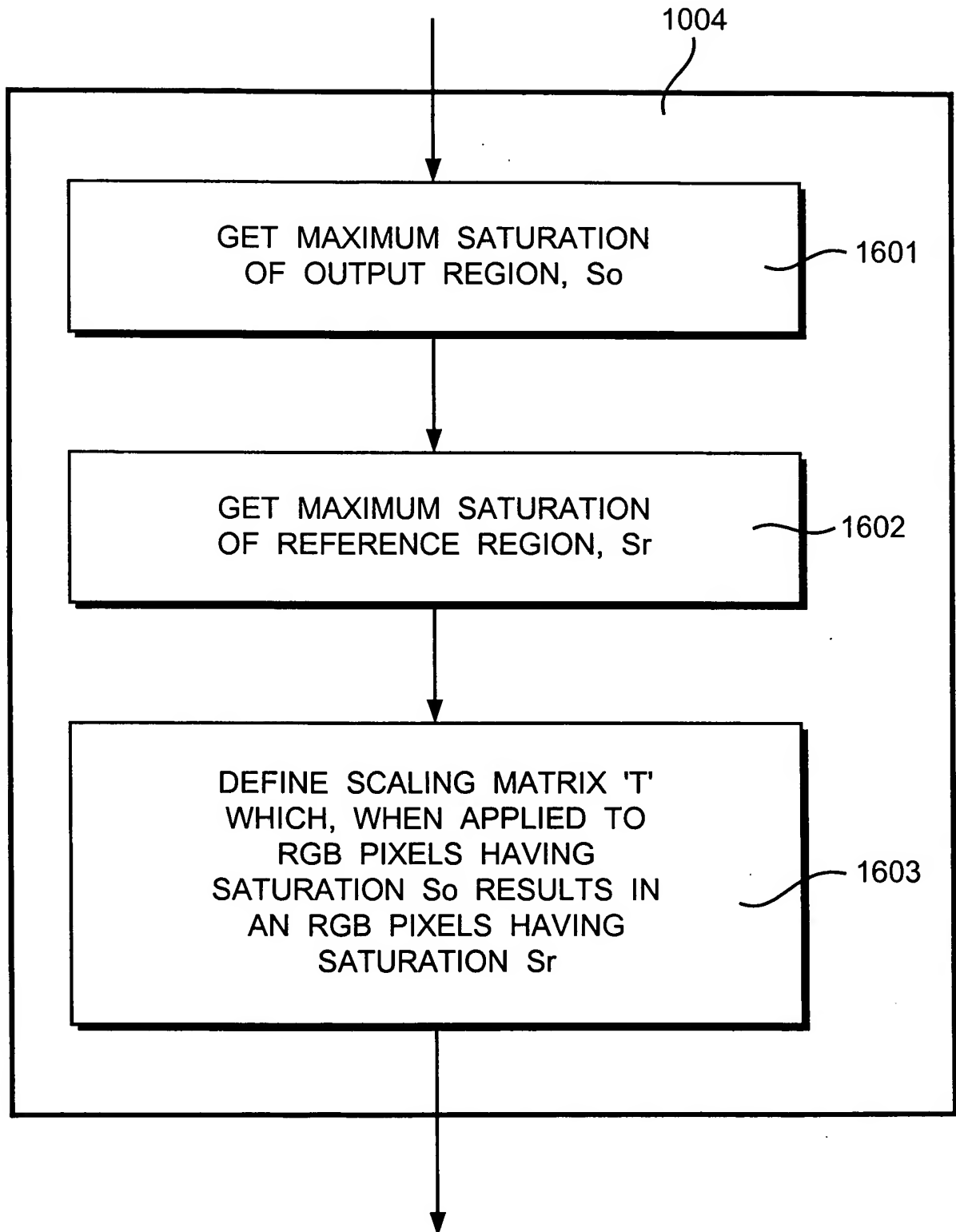


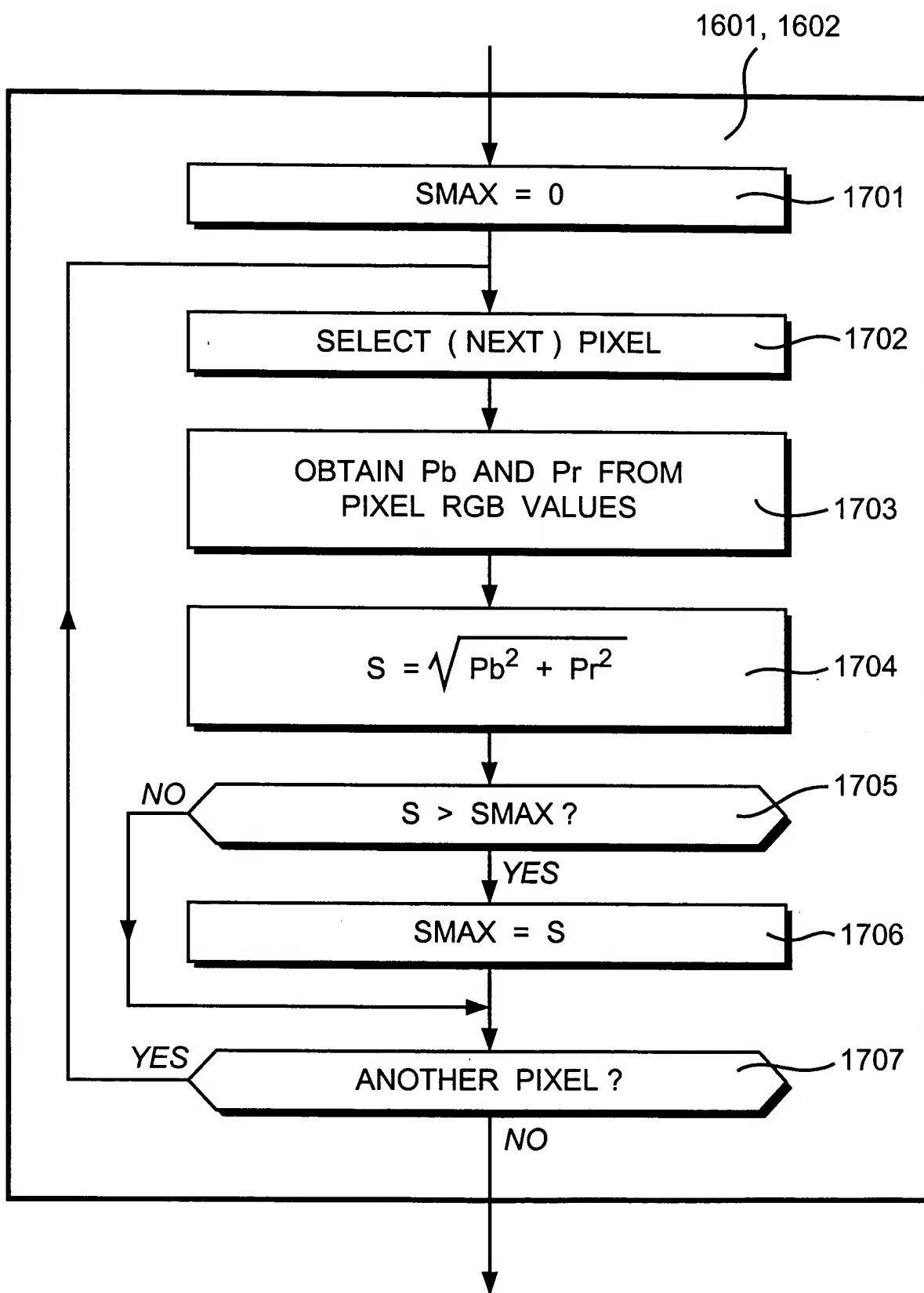
Fig. 15

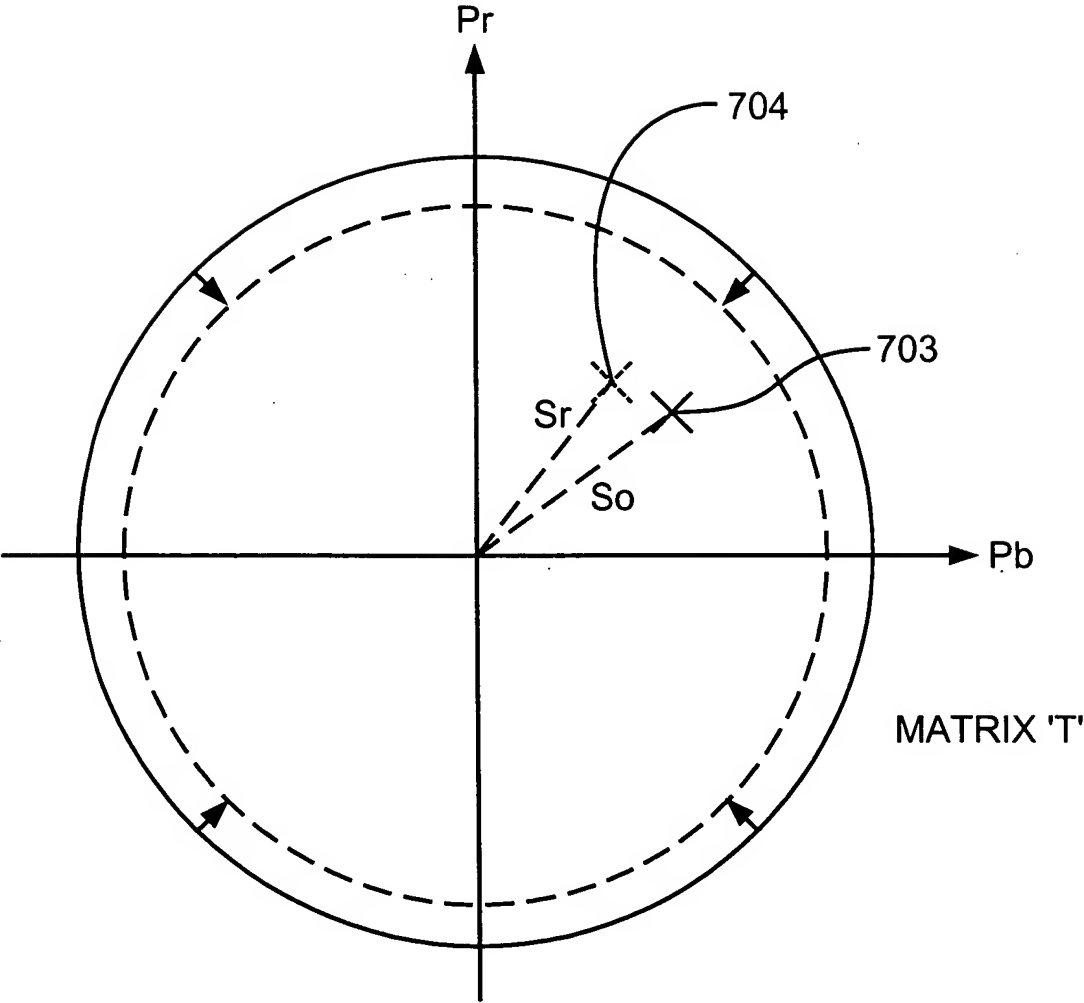
16/18

**Fig. 16**



17/18

**Fig. 17**



**Fig.18**